

**Rank in U.S. agriculture by selected commodities, 2009**

| Rank      | Item                               | Unit    | Quantity         | Percent of U.S. | Leading state  |
|-----------|------------------------------------|---------|------------------|-----------------|----------------|
|           |                                    |         | <i>Thousands</i> | <i>Percent</i>  |                |
| <b>1</b>  | Beans, dry, black                  | Cwt     | 1,770            | 58.8            | Michigan       |
|           | Beans, dry, cranberry              | Cwt     | 55               | 65.5            | Michigan       |
|           | Beans, dry, small red              | Cwt     | 404              | 57.5            | Michigan       |
|           | Blueberries                        | Pounds  | 99,000           | 26.9            | Michigan       |
|           | Cherries, tart                     | Pounds  | 266,000          | 74.1            | Michigan       |
|           | Cucumbers (for pickles)            | Tons    | 188.5            | 34.7            | Michigan       |
|           | Geraniums (seed and cuttings)      | Pots    | 20,103           | 33.0            | Michigan       |
|           | Geraniums – Cutting                | Baskets | 593              | 17.1            | Michigan       |
|           | Grapes, Niagara                    | Tons    | 27.5             | 43.2            | Michigan       |
|           | Hostas                             | Pots    | 2,699            | 26.6            | Michigan       |
|           | Impatiens                          | Flats   | 1,947            | 24.5            | Michigan       |
|           | Impatiens                          | Baskets | 517              | 24.6            | Michigan       |
|           | Begonias                           | Baskets | 357              | 23.3            | Michigan       |
|           | New Guinea Impatiens               | Baskets | 462              | 18.0            | Michigan       |
|           | Petunias                           | Flats   | 1,549            | 21.7            | Michigan       |
|           | Petunias                           | Baskets | 818              | 19.5            | Michigan       |
|           | Easter Lilies                      | Potted  | 1539             | 24.6            | Michigan       |
|           | Squash                             | Cwt     | 1,365            | 18.9            | Michigan       |
| <b>2</b>  | Beans, dry, all                    | Cwt     | 3,510            | 13.8            | North Dakota   |
|           | Beans, dry, navy                   | Cwt     | 976              | 29.2            | North Dakota   |
|           | Carrots (fresh market)             | Cwt     | 594              | 2.7             | California     |
|           | Celery                             | Cwt     | 1,055            | 5.4             | California     |
|           | Hardy/garden Chrysanthemums        | Pots    | 4,911            | 11.2            | North Carolina |
|           | Potted Other herbaceous perennials | Pots    | 17,853           | 14.8            | California     |
|           | Marigolds                          | Flats   | 821              | 20.7            | California     |
|           | Pansies/Violas                     | Baskets | 371              | 34.2            | North Carolina |
|           | Other Flowering and Foliar         | Baskets | 1,720            | 11.7            | North Carolina |
|           | Geraniums – Cutting                | Flats   | 66               | 18.3            | California     |
|           | Geraniums – Cutting                | Potted  | 3,388            | 9.5             | California     |
|           | Vegetable type bedding plants      | Flats   | 852              | 17.5            | California     |
| <b>3</b>  | Apples                             | Pounds  | 1,150,000        | 11.6            | Washington     |
|           | Asparagus                          | Cwt     | 235              | 26.1            | California     |
|           | Geraniums – Seed                   | Flats   | 56               | 13.1            | Ohio           |
|           | Geraniums – Seed                   | Baskets | 81               | 17.5            | Illinois       |
|           | Cucumbers (fresh market)           | Cwt     | 968              | 11.1            | Florida        |
|           | Beans, snap (processing)           | Tons    | 65.2             | 8.0             | Wisconsin      |
| <b>4</b>  | Beans, dry, dark red kidney        | Cwt     | 22               | 2.6             | Minnesota      |
|           | Beans, dry, light red kidney       | Cwt     | 139              | 14.4            | Minnesota      |
|           | Sugarbeets                         | Tons    | 3,318            | 11.2            | Minnesota      |
|           | Cherries, sweet                    | Tons    | 28.7             | 6.7             | Washington     |
|           | Grapes, Concord                    | Tons    | 45.4             | 11.4            | Washington     |
|           | Plums                              | Tons    | 2.9              | 1.0             | California     |
|           | Grapes, all                        | Tons    | 96.5             | 1.3             | California     |
| <b>5</b>  | Maple syrup                        | Gallons | 115              | 4.2             | Vermont        |
| <b>6</b>  | Pumpkins                           | Cwt     | 737              | 7.9             | Illinois       |
|           | Peaches                            | Tons    | 17.2             | 1.6             | California     |
| <b>8</b>  | Milk                               | Pounds  | 7,968,000        | 4.2             | California     |
| <b>9</b>  | Potatoes                           | Cwt     | 15,660           | 3.6             | Idaho          |
| <b>11</b> | Corn for grain                     | Bushels | 310,800          | 2.4             | Iowa           |
| <b>12</b> | Soybeans                           | Bushels | 79,600           | 2.4             | Iowa           |
| <b>13</b> | Hogs, as of Dec. 1, 2009           | Head    | 1,080            | 1.6             | Iowa           |
|           | Wheat, winter                      | Bushels | 38,640           | 2.5             | Kansas         |
| <b>19</b> | Cash receipts                      | Dollars | 5,579,184        | 2.0             | California     |
| <b>26</b> | Hay, all                           | Tons    | 2,482            | 1.7             | California     |
| <b>28</b> | Cattle, as of Jan. 1, 2010         | Head    | 1,100            | 1.2             | Texas          |

### Number of farms and land in farms by economic sales class, 2005-2009 <sup>1</sup>

| Year | Economic sales class |                      |                      |                      |                      | Total                | Average size of farm |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|      | \$1,000-\$9,999      | \$10,000-\$99,999    | \$100,000-\$249,999  | \$250,000-\$499,999  | \$500,000+           |                      |                      |
|      | <i>1,000 farms</i>   | <i>1,000 farms</i>   | <i>1,000 farms</i>   | <i>1,000 farms</i>   | <i>1,000 farms</i>   | <i>1,000 farms</i>   |                      |
| 2005 | 31.1                 | 15.0                 | 3.2                  | 1.8                  | 1.9                  | 53.0                 |                      |
| 2006 | 31.1                 | 14.8                 | 3.3                  | 1.8                  | 2.0                  | 53.0                 |                      |
| 2007 | 33.1                 | 14.8                 | 3.5                  | 2.1                  | 2.5                  | 56.0                 |                      |
| 2008 | 32.3                 | 14.5                 | 3.6                  | 2.1                  | 2.5                  | 55.0                 |                      |
| 2009 | 32.1                 | 14.4                 | 3.5                  | 2.2                  | 2.6                  | 54.8                 |                      |
|      | <i>Million acres</i> | <i>Million acres</i> | <i>Million acres</i> | <i>Million acres</i> | <i>Million acres</i> | <i>Million acres</i> | <i>Acres</i>         |
| 2005 | 1.90                 | 2.50                 | 1.60                 | 1.60                 | 2.50                 | 10.10                | 191                  |
| 2006 | 1.85                 | 2.40                 | 1.60                 | 1.60                 | 2.65                 | 10.10                | 191                  |
| 2007 | 1.85                 | 2.10                 | 1.35                 | 1.40                 | 3.30                 | 10.00                | 179                  |
| 2008 | 1.80                 | 2.00                 | 1.40                 | 1.40                 | 3.40                 | 10.00                | 182                  |
| 2009 | 1.70                 | 1.90                 | 1.30                 | 1.50                 | 3.60                 | 10.00                | 182                  |

<sup>1</sup> USDA estimates of farm number and land in farms are based on the definition "a farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year."

### Farm real estate: Values and cash rents, 2006-2010

| Year | Farm real estate average value per acre | Cropland               |                            | Pasture                |
|------|---|------------------------|----------------------------|------------------------|
|      |   | Average value per acre | Average cash rent per acre | Average value per acre |
|      | <i>Dollars</i>                          | <i>Dollars</i>         | <i>Dollars</i>             | <i>Dollars</i>         |
| 2006 | 3,370                                   | 2,900                  | 65                         | 2,070                  |
| 2007 | 3,760                                   | 3,280                  | 73                         | 2,450                  |
| 2008 | 3,900                                   | 3,480                  | 78                         | 2,630                  |
| 2009 | 3,750                                   | 3,370                  | 81                         | 2,550                  |
| 2010 | 3,650                                   | 3,300                  | 81                         | 2,400                  |

## Farm Income

Net farm income in 2009 fell 42 percent from last year to \$1.14 billion. That includes \$180 million of government payments. The total agriculture output was \$6.67 billion dollars, down 12 percent from 2008. Production expenses were \$3.53 billion in 2009, down 4 percent from the previous year.

Preliminary cash receipts from 2009 marketings of Michigan crops, livestock and livestock products totaled \$5.58 billion, down

15 percent from 2008. Michigan ranked 19 nationally in total cash receipts.

Crop receipts, \$3.67 billion, were down 9 percent from 2008. Livestock cash receipts were down 25 percent from a year earlier to \$1.90 billion.

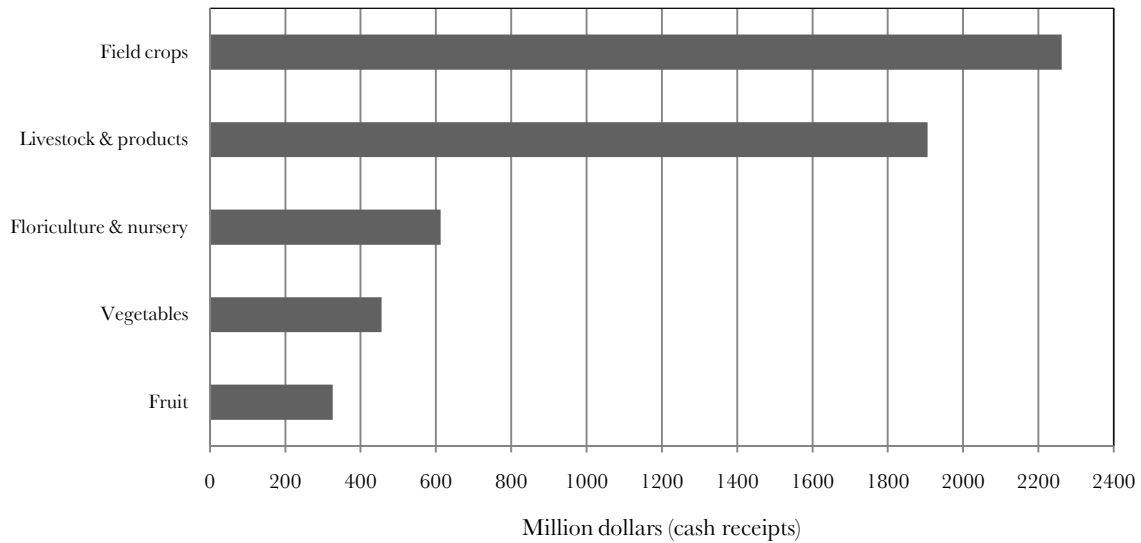
In 2009, the top ten Michigan commodities ranked by cash receipts were milk, corn, soybeans, floriculture, cattle and calves, poultry and eggs, hogs, wheat, sugarbeets, and potatoes.

### Government payments, 2005-2009 <sup>1</sup>

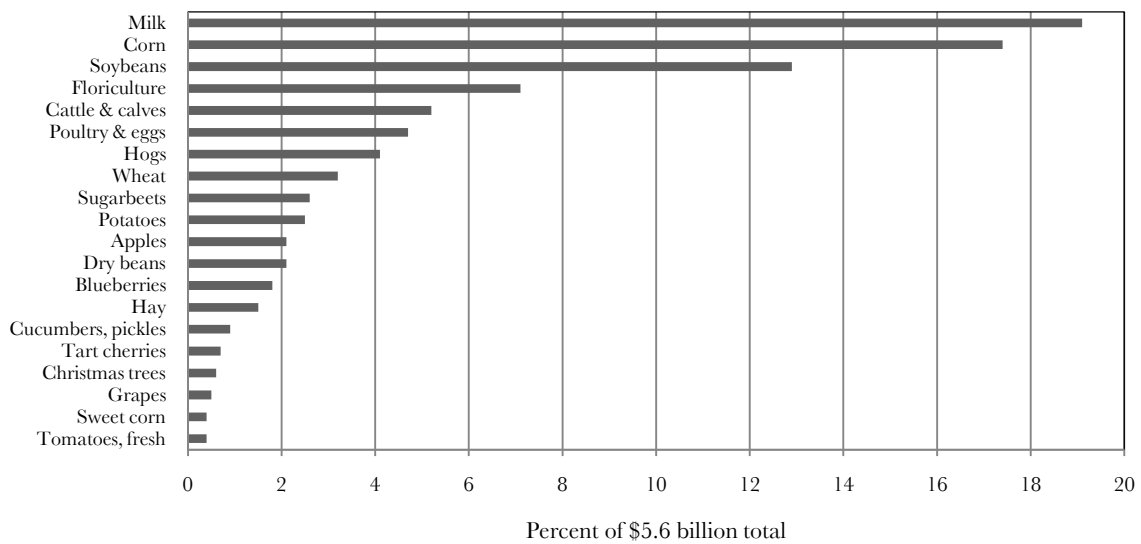
| Program                                  | 2005                 | 2006                 | 2007                 | 2008                 | 2009                 |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|
|  | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| Conservation programs                    | 41,846               | 51,279               | 45,926               | 49,047               | 43,590               |
| Production flexibility contract payments | -2                   | NA                   | NA                   | NA                   | NA                   |
| Direct payments                          | 89,782               | 85,952               | 86,970               | 86,691               | 79,012               |
| Counter-cyclical payments                | 70,996               | 72,304               | 179                  | 2                    | -24                  |
| Loan deficiency payments                 | 129,548              | 15,570               | 64                   | 13                   | 49                   |
| Miscellaneous programs                   | 7,100                | 1,891                | -63                  | 47                   | 0                    |
| Ad Hoc and emergency programs            | 47,859               | 1,829                | 3,300                | 30,540               | 16,169               |
| Milk income loss payments                | 542                  | 18,816               | 3,868                | 2                    | 40,828               |
| Total                                    | 387,671              | 247,641              | 140,244              | 166,342              | 179,624              |

<sup>1</sup> Source: U.S. Department of Agriculture, Economic Research Service.

## Major Michigan Commodity Groups, 2009



## Top 20 Commodities in Cash Receipts, 2009



**Value added to the economy by the Michigan agricultural sector 2005-2009 <sup>1</sup>**

| Item <sup>2</sup>                                  | 2005                   | 2006                   | 2007                   | 2008                   | 2009                   |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|
|  | <i>Million dollars</i> | <i>Million dollars</i> | <i>Million dollars</i> | <i>Million dollars</i> | <i>Million dollars</i> |
| Value of crop production                           | 2,516.6                | 2,943.2                | 3,307.5                | 4,122.0                | 3,727.4                |
| Food grains  | 117.1                  | 148.6                  | 188.0                  | 237.3                  | 179.4                  |
| Feed crops   | 463.5                  | 664.2                  | 871.0                  | 1,266.6                | 1,063.8                |
| Oil crops  | 433.1                  | 471.8                  | 625.3                  | 705.3                  | 720.6                  |
| Fruits and tree nuts                               | 277.2                  | 344.3                  | 418.9                  | 381.5                  | 325.7                  |
| Vegetables, potatoes, dry beans                    | 407.0                  | 449.1                  | 483.7                  | 581.5                  | 571.0                  |
| All other crops                                    | 800.1                  | 854.4                  | 849.3                  | 859.0                  | 813.9                  |
| Home consumption                                   | 2.7                    | 2.0                    | 1.2                    | 1.6                    | 1.1                    |
| Value of inventory adjustment <sup>3</sup>         | 15.8                   | 8.8                    | -129.9                 | 89.1                   | 51.8                   |
| Value of livestock production                      | 1,777.2                | 1,708.8                | 2,424.6                | 2,538.6                | 1,953.8                |
| Meat animals                                       | 512.1                  | 503.8                  | 580.5                  | 639.0                  | 522.4                  |
| Dairy products                                     | 1,035.7                | 943.0                  | 1,497.2                | 1,485.7                | 1,064.0                |
| Poultry and eggs                                   | 132.7                  | 153.8                  | 256.4                  | 340.0                  | 260.9                  |
| Miscellaneous livestock                            | 52.9                   | 59.4                   | 66.4                   | 64.4                   | 58.2                   |
| Home consumption                                   | 7.1                    | 7.5                    | 9.5                    | 9.2                    | 10.2                   |
| Value of inventory adjustment <sup>3</sup>         | 36.8                   | 41.4                   | 14.5                   | 0.4                    | 38.2                   |
| Revenues from services and forestry                | 813.6                  | 882.6                  | 805.6                  | 939.3                  | 992.7                  |
| Machine hire and custom work                       | 53.2                   | 31.7                   | 35.5                   | 28.2                   | 51.4                   |
| Forest products sold                               | 11.9                   | 11.9                   | 14.0                   | 14.0                   | 14.0                   |
| Other farm income                                  | 197.2                  | 208.8                  | 178.7                  | 273.0                  | 290.6                  |
| Gross imputed rental value-farm dwellings          | 551.4                  | 630.1                  | 577.5                  | 624.1                  | 636.7                  |
| Value of agricultural sector production            | 5,107.5                | 5,534.6                | 6,537.7                | 7,599.9                | 6,674.0                |
| <b>less:</b> Purchased inputs                      | 2,520.3                | 2,604.1                | 3,445.9                | 3,688.7                | 3,529.5                |
| Farm origin  | 794.3                  | 874.7                  | 1,147.0                | 1,232.6                | 1,192.8                |
| Feed purchased                                     | 421.3                  | 512.5                  | 727.3                  | 693.4                  | 655.9                  |
| Livestock and poultry purchased                    | 65.9                   | 70.1                   | 73.4                   | 77.4                   | 51.9                   |
| Seed purchased                                     | 307.1                  | 292.0                  | 346.4                  | 461.9                  | 484.9                  |
| Manufactured inputs                                | 768.9                  | 804.8                  | 1,062.7                | 1,309.0                | 1,197.0                |
| Fertilizers and lime                               | 298.1                  | 302.3                  | 448.0                  | 607.3                  | 554.0                  |
| Pesticides   | 195.8                  | 199.7                  | 241.5                  | 269.9                  | 265.2                  |
| Petroleum fuel and oils                            | 216.9                  | 242.7                  | 297.5                  | 353.5                  | 286.4                  |
| Electricity  | 58.1                   | 60.1                   | 75.8                   | 78.3                   | 91.4                   |
| Other purchased inputs                             | 957.0                  | 924.6                  | 1,236.1                | 1,147.1                | 1,139.7                |
| Repair and maintenance of capital items            | 258.2                  | 278.1                  | 316.3                  | 347.1                  | 373.9                  |
| Machine hire and custom work                       | 75.2                   | 64.0                   | 88.3                   | 87.0                   | 99.1                   |
| Marketing, storage, and transp. expenses           | 147.5                  | 133.1                  | 165.4                  | 141.0                  | 166.4                  |
| Contract labor                                     | 15.7                   | 16.6                   | 26.4                   | 14.7                   | 20.5                   |
| Miscellaneous expenses                             | 460.5                  | 432.9                  | 639.7                  | 557.3                  | 479.9                  |
| <b>plus:</b> Net government transactions           | 156.9                  | -17.2                  | -111.5                 | -93.5                  | -92.2                  |
| <b>plus:</b> Direct Government payments            | 387.7                  | 247.6                  | 140.2                  | 166.3                  | 179.6                  |
| <b>less:</b> Motor vehicle reg. and licensing fees | 8.4                    | 9.7                    | 10.9                   | 9.4                    | 11.8                   |
| <b>less:</b> Property taxes                        | 222.4                  | 255.1                  | 240.8                  | 250.4                  | 260.1                  |
| Gross value added                                  | 2,744.1                | 2,913.3                | 2,980.4                | 3,817.7                | 3,052.3                |
| <b>less:</b> Capital consumption                   | 719.9                  | 758.6                  | 784.6                  | 827.8                  | 871.4                  |
| Net value added                                    | 2,024.2                | 2,154.6                | 2,195.8                | 2,989.9                | 2,180.9                |
| <b>less:</b> Payments to stakeholders              | 781.5                  | 855.7                  | 1,087.2                | 1,023.4                | 1,035.6                |
| Employee compensation (total hired labor)          | 496.2                  | 519.6                  | 756.0                  | 681.4                  | 675.1                  |
| Net rent received by nonoperator landlords         | 61.7                   | 81.2                   | 61.8                   | 71.1                   | 89.0                   |
| Real estate and nonreal estate interest            | 223.6                  | 255.0                  | 269.3                  | 270.8                  | 271.5                  |
| <b>Net farm income</b>                             | <b>1,242.7</b>         | <b>1,298.9</b>         | <b>1,108.7</b>         | <b>1,966.5</b>         | <b>1,145.3</b>         |

<sup>1</sup> Source: U.S. Department of Agriculture, Economic Research Service.

<sup>2</sup> Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production, regardless of ownership. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

<sup>3</sup> A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales.

**Cash receipts by commodity groups and selected commodities 2005-2009 <sup>1</sup>**

| Item                                | 2005                 | 2006                 | 2007                 | 2008                 | 2009                 |
|-------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                                     | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| <b>Total cash receipts</b>          | 4,231,449            | 4,592,406            | 5,836,719            | 6,560,309            | 5,579,887            |
| <b>Total livestock and products</b> | 1,733,314            | 1,659,939            | 2,400,533            | 2,529,030            | 1,905,433            |
| Meat animals                        | 512,088              | 503,763              | 580,497              | 638,992              | 522,424              |
| Cattle and calves                   | 277,781              | 294,627              | 343,331              | 384,942              | 288,659              |
| Hogs                                | 229,852              | 205,669              | 233,132              | 249,776              | 229,612              |
| Sheep and lambs                     | 4,455                | 3,467                | 4,034                | 4,274                | 4,153                |
| Dairy (milk)                        | 1,035,650            | 942,970              | 1,497,200            | 1,485,696            | 1,063,960            |
| Poultry and eggs                    | 132,652              | 153,771              | 256,397              | 339,972              | 260,871              |
| Eggs                                | 61,870               | 73,097               | 155,371              | 211,524              | 149,883              |
| Turkeys                             | 63,825               | 69,654               | 88,210               | ( <sup>2</sup> )     | ( <sup>2</sup> )     |
| Other                               | 6,957                | 11,020               | 12,816               | 128,448              | 110,988              |
| Miscellaneous livestock             | 52,924               | 59,435               | 66,439               | 64,370               | 58,178               |
| Honey                               | 4,155                | 4,554                | 5,484                | 7,464                | 5,980                |
| Mink pelts                          | 2,379                | 3,380                | 2,640                | 3,456                | 1,835                |
| Other                               | 46,390               | 51,501               | 58,315               | 53,450               | 50,363               |
| <b>Total crops</b>                  | 2,498,135            | 2,932,467            | 3,436,186            | 4,031,279            | 3,674,454            |
| Field crops                         | 1,226,995            | 1,529,157            | 1,946,259            | 2,556,645            | 2,261,629            |
| Corn                                | 371,784              | 577,864              | 802,910              | 1,162,856            | 971,846              |
| Dry beans                           | 75,979               | 75,431               | 97,168               | 140,245              | 115,479              |
| Hay                                 | 87,008               | 82,352               | 61,809               | 95,946               | 85,833               |
| Soybeans                            | 432,343              | 470,922              | 624,176              | 704,165              | 719,912              |
| Sugarbeets                          | 111,387              | 135,774              | 125,532              | 171,732              | 145,992              |
| Wheat                               | 116,029              | 147,556              | 186,547              | 234,735              | 177,000              |
| Other                               | 32,465               | 39,258               | 48,117               | 46,966               | 45,567               |
| Vegetables                          | 331,030              | 373,674              | 386,547              | 441,280              | 455,522              |
| Asparagus                           | 12,006               | 14,866               | 16,092               | 18,516               | 16,553               |
| Beans, snap                         | 23,135               | 17,523               | 18,465               | 15,978               | 20,540               |
| Carrots                             | 18,666               | 18,249               | 14,988               | 18,746               | ( <sup>2</sup> )     |
| Celery                              | 10,493               | 19,920               | 12,334               | 14,705               | 14,898               |
| Corn, sweet                         | 16,000               | 16,830               | 14,652               | 16,991               | 23,624               |
| Cucumbers, fresh                    | 14,976               | 16,354               | 15,358               | 14,117               | 18,586               |
| Cucumbers, pickles                  | 26,611               | 33,492               | 42,665               | 41,602               | 49,010               |
| Onions                              | 8,128                | 9,073                | 12,310               | 9,885                | 12,939               |
| Peppers, green, fresh               | 9,016                | 9,828                | 12,870               | 12,000               | 11,520               |
| Potatoes                            | 94,739               | 103,222              | 100,227              | 142,947              | 138,355              |
| Pumpkins                            | 9,048                | 9,405                | 8,556                | 15,283               | 10,318               |
| Squash                              | 16,337               | 14,459               | 13,538               | 12,144               | 11,739               |
| Tomatoes, fresh                     | 16,720               | 23,000               | 24,794               | 24,570               | 21,000               |
| Other                               | 55,155               | 67,453               | 79,698               | 83,796               | 106,440              |
| Fruit                               | 277,214              | 344,324              | 418,909              | 381,545              | 325,726              |
| Apples                              | 90,298               | 109,834              | 128,179              | 129,897              | 118,704              |
| Blueberries                         | 83,500               | 149,655              | 165,456              | 124,000              | 101,850              |
| Grapes                              | 21,518               | 9,242                | 28,044               | 27,197               | 27,586               |
| Peaches                             | 7,982                | 13,066               | 16,298               | 9,052                | 12,075               |
| Strawberries                        | 4,878                | 6,285                | 5,028                | 5,846                | 6,615                |
| Sweet cherries                      | 16,732               | 15,492               | 17,709               | 16,144               | 13,666               |
| Tart cherries                       | 47,555               | 34,697               | 50,905               | 63,030               | 37,981               |
| Other                               | 4,751                | 6,053                | 7,290                | 6,379                | 7,249                |
| Miscellaneous crops                 | 13,994               | 14,792               | 16,711               | 18,309               | 19,175               |
| Floriculture and nursery            | 648,902              | 670,520              | 667,760              | 633,500              | 612,402              |

<sup>1</sup> Source: U.S. Department of Agriculture, Economic Research Service.

<sup>2</sup> Not published to avoid disclosure of individual operations.

**Corn production costs and returns, excluding direct Government payments, 2008-2009**

| Item   | United States                   |                                 | Northern Crescent <sup>1</sup>  |                                 |
|--|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
|  | 2008                            | 2009                            | 2008                            | 2009                            |
|  | <i>Dollars per planted acre</i> | <i>Dollars per planted acre</i> | <i>Dollars per planted acre</i> | <i>Dollars per planted acre</i> |
| Gross value of production                    | 629.36                          | 561.22                          | 476.92                          | 447.8                           |
| Operating costs                              |                                 |                                 |                                 |                                 |
| Seed   | 60.02                           | 78.92                           | 61.29                           | 80.61                           |
| Fertilizer <sup>2</sup>                      | 139.18                          | 132.53                          | 158.09                          | 150.28                          |
| Chemicals                                    | 25.19                           | 28.23                           | 22.34                           | 24.99                           |
| Custom operations                            | 10.98                           | 11.98                           | 13.59                           | 14.8                            |
| Fuel, lube, and electricity                  | 42.64                           | 29.12                           | 41.11                           | 27.98                           |
| Repairs                                      | 15.37                           | 15.69                           | 15.5                            | 15.8                            |
| Purchased irrigation water                   | 0.14                            | 0.14                            | 0.02                            | 0.02                            |
| Interest on operating capital                | 2.17                            | 0.43                            | 2.31                            | 0.46                            |
| Total, operating costs                       | 295.69                          | 297.04                          | 314.25                          | 314.94                          |
| Allocated overhead                           |                                 |                                 |                                 |                                 |
| Hired labor                                  | 2.37                            | 2.41                            | 3.36                            | 3.43                            |
| Opportunity cost of unpaid labor             | 25.12                           | 25.67                           | 35.26                           | 36.03                           |
| Capital recovery of machinery and equipment  | 76.36                           | 81.48                           | 73.13                           | 78.03                           |
| Opportunity cost of land (rental rate)       | 107.37                          | 116.1                           | 90.98                           | 98.15                           |
| Taxes and insurance                          | 8.29                            | 9.48                            | 11.35                           | 12.92                           |
| General farm overhead                        | 14.18                           | 14.49                           | 19.43                           | 19.81                           |
| Total, allocated overhead                    | 233.69                          | 249.63                          | 233.51                          | 248.37                          |
| Total, costs listed                          | 529.38                          | 546.67                          | 547.76                          | 563.31                          |
| Value of production less total costs listed  | 99.98                           | 14.55                           | -70.84                          | -115.51                         |
| Value of production less operating costs     | 333.67                          | 264.18                          | 162.67                          | 132.86                          |
| Supporting information                       |                                 |                                 |                                 |                                 |
| Yield (bushels per planted acre)             | 144                             | 156                             | 115                             | 126                             |
| Price (dollars per bushel at harvest)        | 4.36                            | 3.59                            | 4.12                            | 3.53                            |
| Enterprise size (planted acres) <sup>3</sup> | 250                             | 250                             | 128                             | 128                             |
| Production practices <sup>3</sup>            |                                 |                                 |                                 |                                 |
| Irrigated (percent)                          | 12                              | 12                              | 5                               | 5                               |
| Dryland (percent)                            | 88                              | 88                              | 95                              | 95                              |

<sup>1</sup> Includes NE Minnesota, Wisconsin, Michigan, NE Ohio, Central Maryland, most of Pennsylvania, New Jersey, New York, and New England.

<sup>2</sup> Includes soil conditioners and manure.

<sup>3</sup> Developed from survey base year, 2005.

**Soybean production costs and returns, excluding direct Government payments, 2008-2009**

| Item   | United States                   |                                 | Northern Crescent <sup>1</sup>  |                                 |
|--|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
|  | 2008                            | 2009                            | 2008                            | 2009                            |
|  | <i>Dollars per planted acre</i> | <i>Dollars per planted acre</i> | <i>Dollars per planted acre</i> | <i>Dollars per planted acre</i> |
| Gross value of production                    | 446.45                          | 438.96                          | 393.8                           | 418.26                          |
| Operating costs                              |                                 |                                 |                                 |                                 |
| Seed   | 44.35                           | 55.26                           | 46.55                           | 57.94                           |
| Fertilizer <sup>2</sup>                      | 25.12                           | 23.96                           | 36.1                            | 34.36                           |
| Chemicals                                    | 15.73                           | 17.26                           | 14.8                            | 16.22                           |
| Custom operations                            | 6.56                            | 7.17                            | 8.58                            | 9.35                            |
| Fuel, lube, and electricity                  | 20.2                            | 13.48                           | 17.92                           | 11.88                           |
| Repairs                                      | 12.91                           | 13.22                           | 11.18                           | 11.4                            |
| Purchased irrigation water                   | 0.12                            | 0.14                            | 0                               | 0                               |
| Interest on operating capital                | 2.8                             | 0.19                            | 3.03                            | 0.2                             |
| Total, operating costs                       | 127.79                          | 130.67                          | 138.16                          | 141.35                          |
| Allocated overhead                           |                                 |                                 |                                 |                                 |
| Hired labor                                  | 2.07                            | 2.09                            | 1.25                            | 1.25                            |
| Opportunity cost of unpaid labor             | 16.77                           | 16.82                           | 17.88                           | 17.88                           |
| Capital recovery of machinery and equipment  | 70.98                           | 75.88                           | 60.84                           | 64.92                           |
| Opportunity cost of land (rental rate)       | 94.58                           | 108.98                          | 77.54                           | 89.62                           |
| Taxes and insurance                          | 9.64                            | 10.84                           | 11.97                           | 13.43                           |
| General farm overhead                        | 14.29                           | 14.57                           | 18.44                           | 18.8                            |
| Total, allocated overhead                    | 208.35                          | 229.19                          | 187.92                          | 205.9                           |
| Total, costs listed                          | 336.13                          | 359.86                          | 326.08                          | 347.25                          |
| Value of production less total costs listed  | 110.32                          | 79.1                            | 67.72                           | 71.01                           |
| Value of production less operating costs     | 318.66                          | 308.29                          | 255.64                          | 276.91                          |
| Supporting information                       |                                 |                                 |                                 |                                 |
| Yield (bushels per planted acre)             | 43                              | 47                              | 38                              | 42                              |
| Price (dollars per bushel at harvest)        | 10.48                           | 9.3                             | 10.46                           | 9.9                             |
| Enterprise size (planted acres) <sup>3</sup> | 303                             | 303                             | 164                             | 164                             |
| Production practices <sup>3</sup>            |                                 |                                 |                                 |                                 |
| Irrigated (percent)                          | 9                               | 9                               | 2                               | 2                               |
| Dryland (percent)                            | 91                              | 91                              | 98                              | 98                              |

<sup>1</sup> Includes NE Minnesota, Wisconsin, Michigan, NE Ohio, most of Pennsylvania, New Jersey, New York, Central Maryland, and New England.

<sup>2</sup> Includes soil conditioners and manure.

<sup>3</sup> Developed from survey base year, 2006.

**Livestock and products: Marketing year average prices received by farmers, 2005-2009**

| Year | All hogs<br>per cwt | All beef<br>per cwt <sup>1</sup> | Cows<br>per cwt <sup>2</sup> | Steers and<br>heifers<br>per cwt | Milk cows<br>per head <sup>3</sup> | Calves<br>per cwt | Market eggs<br>per doz | All milk<br>wholesale<br>per cwt | Turkeys per<br>pound <sup>4</sup> |
|------|---------------------|----------------------------------|------------------------------|----------------------------------|------------------------------------|-------------------|------------------------|----------------------------------|-----------------------------------|
|      | <i>Dollars</i>      | <i>Dollars</i>                   | <i>Dollars</i>               | <i>Dollars</i>                   | <i>Dollars</i>                     | <i>Dollars</i>    | <i>Dollars</i>         | <i>Dollars</i>                   | <i>Dollars</i>                    |
| 2005 | 46.70               | 73.20                            | 52.10                        | 82.20                            | 1,840                              | 132.00            | 0.346                  | 15.40                            | 0.37                              |
| 2006 | 42.00               | 71.90                            | 49.10                        | 81.60                            | 1,930                              | 134.00            | 0.366                  | 13.30                            | 0.39                              |
| 2007 | 41.10               | 75.80                            | 49.30                        | 87.00                            | 1,910                              | 118.00            | 0.726                  | 19.70                            | 0.46                              |
| 2008 | 42.50               | 77.10                            | 52.00                        | 87.80                            | 2,200                              | 99.90             | 0.956                  | 19.20                            |                                   |
| 2009 | 37.00               | 68.70                            | 45.80                        | 78.50                            | 1,550                              | 88.60             | 0.672                  | 13.40                            |                                   |

<sup>1</sup> Combined price for "Cows" and "Steers and Heifers."

<sup>2</sup> Beef cows and cull dairy cows sold for slaughter.

<sup>3</sup> Sold for dairy herd replacement only. Prices published January, April, July, and October.

<sup>4</sup> Data not available after 2007.

**Livestock and products: Monthly prices received by farmers, 2009-2010**

| Month     | Beef cattle<br>per cwt <sup>1</sup> | Cows<br>per cwt <sup>2</sup> | Steers and<br>heifers<br>per cwt | Milk cows<br>per head <sup>3</sup> | Calves<br>per cwt | Market eggs<br>per dozen | All milk<br>wholesale<br>per cwt |
|-----------|-------------------------------------|------------------------------|----------------------------------|------------------------------------|-------------------|--------------------------|----------------------------------|
|           | <i>Dollars</i>                      | <i>Dollars</i>               | <i>Dollars</i>                   | <i>Dollars</i>                     | <i>Dollars</i>    | <i>Dollars</i>           | <i>Dollars</i>                   |
| 2009      |                                     |                              |                                  |                                    |                   |                          |                                  |
| January   | 70.60                               | 44.00                        | 82.00                            | 1,850                              | 86.00             | 0.900                    | 15.00                            |
| February  | 68.10                               | 45.00                        | 78.00                            |                                    | 88.00             | 0.620                    | 12.30                            |
| March     | 68.10                               | 45.00                        | 78.00                            |                                    | 93.00             | 0.640                    | 12.00                            |
| April     | 70.10                               | 47.00                        | 80.00                            | 1,550                              | 98.00             | 0.740                    | 12.40                            |
| May       | 71.40                               | 49.00                        | 81.00                            |                                    | 98.00             | 0.390                    | 12.20                            |
| June      | 69.40                               | 47.00                        | 79.00                            |                                    | 93.00             | 0.370                    | 12.00                            |
| July      | 69.00                               | 48.00                        | 78.00                            | 1,450                              | 91.00             | 0.510                    | 12.00                            |
| August    | 68.00                               | 47.00                        | 77.00                            |                                    | 91.00             | 0.580                    | 12.50                            |
| September | 67.70                               | 46.00                        | 77.00                            |                                    | 86.00             | 0.570                    | 13.40                            |
| October   | 67.40                               | 45.00                        | 77.00                            | 1,350                              | 81.00             | 0.640                    | 14.60                            |
| November  | 66.80                               | 43.00                        | 77.00                            |                                    | 79.00             | 0.890                    | 15.60                            |
| December  | 67.80                               | 44.00                        | 78.00                            |                                    | 79.00             | 0.900                    | 16.60                            |
| 2010      |                                     |                              |                                  |                                    |                   |                          |                                  |
| January   | 70.70                               | 49.00                        | 80.00                            | 1,400                              | 80.00             |                          | 16.90                            |
| February  | 74.00                               | 53.00                        | 83.00                            |                                    | 82.00             |                          | 16.70                            |
| March     | 77.80                               | 54.00                        | 88.00                            |                                    | 85.00             |                          | 15.70                            |
| April     | 81.50                               | 57.00                        | 92.00                            | 1,400                              | 90.00             |                          | 15.00                            |
| May       | 81.80                               | 58.00                        | 92.00                            |                                    | 98.00             |                          | 15.50                            |
| June      | 79.80                               | 58.00                        | 90.00                            |                                    | 97.00             |                          | 16.50                            |
| July      | 78.40                               | 56.00                        | 88.00                            | 1,400                              | 97.00             |                          | 16.70                            |
| August    |                                     |                              |                                  |                                    |                   |                          |                                  |
| September |                                     |                              |                                  |                                    |                   |                          |                                  |
| October   |                                     |                              |                                  |                                    |                   |                          |                                  |
| November  |                                     |                              |                                  |                                    |                   |                          |                                  |
| December  |                                     |                              |                                  |                                    |                   |                          |                                  |

<sup>1</sup> Combined price for "Cows" and "Steers and Heifers."

<sup>2</sup> Beef cows and cull dairy cows sold for slaughter.

<sup>3</sup> Sold for dairy herd replacement only. Prices published January, April, July, and October.



**Dry edible beans: Percent of sales by month, 2004-2009**

| Month     | 2004-05        | 2005-06        | 2006-07        | 2007-08        | 2008-09        |
|-----------|----------------|----------------|----------------|----------------|----------------|
|           | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| September | 31             | 23             | 25             | 18             | 25             |
| October   | 20             | 29             | 23             | 28             | 38             |
| November  | 4              | 6              | 9              | 13             | 6              |
| December  | 5              | 6              | 3              | 6              | 3              |
| January   | 3              | 5              | 4              | 4              | 4              |
| February  | 5              | 3              | 2              | 3              | 4              |
| March     | 5              | 3              | 2              | 3              | 2              |
| April     | 3              | 1              | 3              | 3              | 1              |
| May       | 1              | 2              | 2              | 3              | 1              |
| June      | 2              | 7              | 25             | 2              | 2              |
| July      | 2              | 1              | 1              | 1              | 1              |
| August    | 19             | 14             | 1              | 16             | 13             |

**Corn: Percent of sales by month, 2004-2009**

| Month     | 2004-05        | 2005-06        | 2006-07        | 2007-08        | 2008-09        |
|-----------|----------------|----------------|----------------|----------------|----------------|
|           | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| October   | 11             | 17             | 11             | 14             | 9              |
| November  | 21             | 13             | 25             | 16             | 16             |
| December  | 12             | 9              | 11             | 9              | 10             |
| January   | 11             | 11             | 13             | 11             | 10             |
| February  | 7              | 8              | 7              | 7              | 7              |
| March     | 5              | 6              | 4              | 6              | 8              |
| April     | 4              | 8              | 5              | 8              | 7              |
| May       | 5              | 6              | 4              | 5              | 9              |
| June      | 7              | 5              | 6              | 7              | 7              |
| July      | 6              | 5              | 5              | 7              | 5              |
| August    | 6              | 6              | 4              | 4              | 6              |
| September | 5              | 6              | 5              | 6              | 6              |

**Hay: Percent of sales by month, 2004-2009**

| Month     | 2004-05        | 2005-06        | 2006-07        | 2007-08        | 2008-09        |
|-----------|----------------|----------------|----------------|----------------|----------------|
|           | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| June      | 14             | 14             | 14             | 15             | 14             |
| July      | 12             | 15             | 15             | 13             | 16             |
| August    | 9              | 13             | 13             | 12             | 13             |
| September | 6              | 13             | 13             | 8              | 11             |
| October   | 6              | 13             | 13             | 6              | 10             |
| November  | 8              | 5              | 5              | 6              | 5              |
| December  | 9              | 5              | 5              | 8              | 5              |
| January   | 10             | 5              | 5              | 8              | 6              |
| February  | 9              | 5              | 5              | 7              | 6              |
| March     | 7              | 4              | 4              | 6              | 5              |
| April     | 6              | 4              | 4              | 6              | 5              |
| May       | 4              | 4              | 4              | 5              | 4              |

**Oats: Percent of sales by month, 2004-2009**

| Month     | 2004-05        | 2005-06        | 2006-07        | 2007-08        | 2008-09        |
|-----------|----------------|----------------|----------------|----------------|----------------|
|           | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| July      | 2              | 26             | 13             | 17             | 2              |
| August    | 28             | 40             | 43             | 40             | 53             |
| September | 32             | 3              | 7              | 10             | 8              |
| October   | 3              | 2              | 5              | 4              | 2              |
| November  | 2              | 2              | 1              | 2              | 1              |
| December  | 4              | 3              | 5              | 4              | 2              |
| January   | 3              | 5              | 6              | 5              | 5              |
| February  | 4              | 7              | 5              | 1              | 3              |
| March     | 4              | 6              | 8              | 2              | 4              |
| April     | 5              | 3              | 3              | 4              | 5              |
| May       | 4              | 1              | 1              | 1              | 4              |
| June      | 9              | 2              | 3              | 10             | 11             |

**Soybeans: Percent of sales by month, 2004-2009**

| Month     | 2004-05        | 2005-06        | 2006-07        | 2007-08        | 2008-09        |
|-----------|----------------|----------------|----------------|----------------|----------------|
|           | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| September | 5              | 13             | 4              | 6              | 6              |
| October   | 20             | 28             | 24             | 32             | 34             |
| November  | 16             | 5              | 19             | 13             | 9              |
| December  | 7              | 7              | 7              | 7              | 7              |
| January   | 7              | 9              | 11             | 11             | 11             |
| February  | 10             | 5              | 7              | 8              | 5              |
| March     | 8              | 6              | 5              | 5              | 7              |
| April     | 5              | 6              | 4              | 5              | 10             |
| May       | 5              | 7              | 5              | 4              | 4              |
| June      | 11             | 4              | 7              | 4              | 4              |
| July      | 3              | 5              | 4              | 3              | 2              |
| August    | 3              | 5              | 3              | 2              | 1              |

**Wheat: Percent of sales by month, 2004-2009**

| Month     | 2004-05        | 2005-06        | 2006-07        | 2007-08        | 2008-09        |
|-----------|----------------|----------------|----------------|----------------|----------------|
|           | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| July      | 41             | 48             | 53             | 75             | 47             |
| August    | 18             | 19             | 16             | 14             | 26             |
| September | 10             | 8              | 7              | 4              | 5              |
| October   | 4              | 3              | 7              | 1              | 1              |
| November  | 4              | 2              | 1              | 1              | 1              |
| December  | 3              | 3              | 2              | 2              | 2              |
| January   | 4              | 4              | 4              | 1              | 3              |
| February  | 8              | 5              | 2              | 1              | 2              |
| March     | 4              | 4              | 3              | 0              | 4              |
| April     | 2              | 1              | 2              | 1              | 3              |
| May       | 1              | 2              | 1              | 0              | 4              |
| June      | 1              | 1              | 2              | 0              | 2              |

**Crops: Marketing year average prices received by farmers, 2005-2009 <sup>1</sup>**

| Marketing year | Corn per bushel | Winter wheat per bushel | Oats per bushel | Soybeans per bushel | Dry beans per cwt | Navy beans per cwt | Fall potatoes per cwt | All hay per ton | Alfalfa hay per ton |
|----------------|-----------------|-------------------------|-----------------|---------------------|-------------------|--------------------|-----------------------|-----------------|---------------------|
|                | <i>Dollars</i>  | <i>Dollars</i>          | <i>Dollars</i>  | <i>Dollars</i>      | <i>Dollars</i>    | <i>Dollars</i>     | <i>Dollars</i>        | <i>Dollars</i>  | <i>Dollars</i>      |
| 2005           | 1.88            | 3.13                    | 1.89            | 5.73                | 19.60             | NA                 | 7.95                  | 90.00           | 92.00               |
| 2006           | 3.10            | 3.41                    | 1.93            | 6.27                | 21.10             | NA                 | 8.35                  | 94.00           | 97.00               |
| 2007           | 4.37            | 5.01                    | 2.91            | 9.69                | 31.90             | NA                 | 8.45                  | 124.00          | 127.00              |
| 2008           | 3.84            | 5.63                    | 3.40            | 9.82                | 36.30             | NA                 | 10.10                 | 153.00          | 156.00              |
| 2009           | 3.60            | 4.25                    | 2.25            | 9.40                | 32.90             | NA                 | 10.50                 | 119.00          | 127.00              |

<sup>1</sup> Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings during specific periods. Prices do not include allowance for CCC loans outstanding, purchases by the government, or deficiency payments.

**Crops: Monthly prices received by farmers, 2008-2009 marketing years**

| 2008-2009 Marketing years | Corn per bushel | Winter wheat per bushel | Oats per bushel | Soybeans per bushel | Dry beans per cwt | Navy beans per cwt <sup>2</sup> | Fall potatoes per cwt | All hay per ton | Alfalfa hay per ton |
|---------------------------|-----------------|-------------------------|-----------------|---------------------|-------------------|---------------------------------|-----------------------|-----------------|---------------------|
|                           | <i>Dollars</i>  | <i>Dollars</i>          | <i>Dollars</i>  | <i>Dollars</i>      | <i>Dollars</i>    | <i>Dollars</i>                  | <i>Dollars</i>        | <i>Dollars</i>  | <i>Dollars</i>      |
| 2008                      |                 |                         |                 |                     |                   |                                 |                       |                 |                     |
| June                      |                 |                         |                 |                     |                   |                                 |                       | 158.00          | 160.00              |
| July                      |                 | 5.90                    | 3.93            |                     |                   |                                 |                       | 152.00          | 155.00              |
| August                    |                 | 6.05                    | 3.52            |                     |                   |                                 | 10.40                 | 153.00          | 155.00              |
| September                 |                 | 5.50                    | 3.28            | 10.20               | 39.40             | 38.50                           | 9.20                  | 141.00          | 145.00              |
| October                   | 4.16            | 4.47                    | 3.39            | 9.79                | 37.90             | 37.10                           | 10.30                 | 152.00          | 155.00              |
| November                  | 4.05            | 4.74                    | 3.45            | 9.17                | 36.00             | 34.20                           | 9.80                  | 156.00          | 160.00              |
| December                  | 3.95            | 4.34                    | 2.91            | 9.06                | 30.90             | 29.10                           | 10.20                 | 162.00          | 165.00              |
| 2009                      |                 |                         |                 |                     |                   |                                 |                       |                 |                     |
| January                   | 4.12            | 4.98                    | 4.19            | 9.74                | 34.40             | 33.80                           | 10.20                 | 156.00          | 160.00              |
| February                  | 3.67            | 4.36                    | 3.54            | 9.63                | 31.30             | 25.20                           | 10.20                 | 152.00          | 155.00              |
| March                     | 3.67            | 4.62                    | 2.61            | 9.09                | 30.80             | 24.10                           | 10.00                 | 147.00          | 150.00              |
| April                     | 3.76            | 4.48                    | 3.04            | 9.89                | 33.90             | 24.50                           | 11.40                 | 148.00          | 150.00              |
| May                       | 3.87            | 4.80                    | 2.69            | 10.80               | 34.70             | 24.70                           | 11.80                 | 162.00          | 165.00              |
| June                      | 4.01            | 4.69                    | 3.14            | 11.60               | 31.70             | 27.80                           | ( <sup>1</sup> )      |                 |                     |
| July                      | 3.41            |                         |                 | 11.00               | 29.10             | 25.80                           |                       |                 |                     |
| August                    | 3.35            |                         |                 | 11.00               | 31.40             |                                 |                       |                 |                     |
| September                 | 3.33            |                         |                 |                     |                   |                                 |                       |                 |                     |
| 2009                      |                 |                         |                 |                     |                   |                                 |                       |                 |                     |
| June                      |                 |                         |                 |                     |                   |                                 |                       | 110.00          | 115.00              |
| July                      |                 | 4.59                    | 2.57            |                     |                   |                                 | 10.40                 | 111.00          | 120.00              |
| August                    |                 | 4.28                    | 2.08            |                     |                   |                                 | 8.95                  | 106.00          | 120.00              |
| September                 |                 | 3.11                    | 2.10            | 10.10               | 33.20             |                                 | 9.15                  | 110.00          | 120.00              |
| October                   | 3.37            | 4.31                    | 2.17            | 9.42                | 32.50             |                                 | 9.25                  | 109.00          | 125.00              |
| November                  | 3.52            | 4.56                    | 2.26            | 9.47                | 33.30             |                                 | 10.30                 | 121.00          | 130.00              |
| December                  | 3.48            | 4.64                    | 2.56            | 9.91                | 35.60             |                                 | 10.80                 | 126.00          | 135.00              |
| 2010                      |                 |                         |                 |                     |                   |                                 |                       |                 |                     |
| January                   | 3.56            | 3.94                    | 2.53            | 9.67                | 34.90             |                                 | 11.20                 | 129.00          | 140.00              |
| February                  | 3.32            | 4.39                    | 2.66            | 9.50                | 35.80             |                                 | 11.30                 | 130.00          | 140.00              |
| March                     | 3.35            | 4.68                    | 2.63            | 9.40                | 35.60             |                                 | 11.90                 | 130.00          | 140.00              |
| April                     | 3.32            | 4.34                    | 2.86            | 9.50                | 36.60             |                                 | 12.40                 | 129.00          | 135.00              |
| May                       | 3.43            | 4.39                    | 2.84            | 9.53                | 33.80             |                                 | 12.10                 | 130.00          | 135.00              |
| June                      | 3.45            | 4.20                    | 2.67            | 9.49                | 28.50             |                                 | ( <sup>1</sup> )      |                 |                     |
| July                      | 3.55            |                         |                 | 9.80                | 32.90             |                                 |                       |                 |                     |
| August                    |                 |                         |                 |                     |                   |                                 |                       |                 |                     |
| September                 |                 |                         |                 |                     |                   |                                 |                       |                 |                     |

<sup>1</sup> Insufficient sales to establish a price.

<sup>2</sup> Not published after July 2009.

### Prices paid by farmers, 2006-2010 <sup>1</sup>

| Item  | Unit   | 2006           | 2007             | 2008             | 2009             | 2010             |
|---|--------|----------------|------------------|------------------|------------------|------------------|
|   |        | <i>Dollars</i> | <i>Dollars</i>   | <i>Dollars</i>   | <i>Dollars</i>   | <i>Dollars</i>   |
| Dairy feed, 16% protein <sup>2</sup>                              | Ton    | 216            | 241              | 310              | 295              | 265              |
| Hog concentrate, 38-42% protein <sup>2</sup>                      | Ton    | 342            | 366              | 493              | 473              | 405              |
| Soybean meal, 44% protein <sup>2</sup>                            | Cwt    | 13.1           | 14.4             | 22.1             | 20.1             | 20.4             |
| Gasoline, unleaded, bulk <sup>2</sup>                             | Gallon | 2.59           | 2.618            | 3.267            | 1.985            | 2.844            |
| Diesel fuel <sup>2</sup>  | Gallon | 2.29           | 2.47             | 3.613            | 1.688            | 2.565            |
| Tractor, 110-129 hp <sup>3</sup>                                  | Each   | 70,900         | 74,000           | 76,100           | 77,700           | 78,000           |
| Tractor, 200-280 hp, 4-wd <sup>3</sup>                            | Each   | 150,000        | 154,000          | 176,000          | 195,000          | 198,000          |
| Planter, row crop, 8-row <sup>3</sup>                             | Each   | 34,100         | 33,500           | 38,000           | 40,200           | 42,900           |
| Grain drill, press, 23-25 openers <sup>3</sup>                    | Each   | 25,200         | 26,100           | 26,900           | 32,400           | 36,600           |
| Combine, self-prop. w/ grain head, large cap. <sup>3</sup>        | Each   | 201,000        | 213,000          | 230,000          | 253,000          | 257,000          |
| Ammonium nitrate <sup>4</sup>                                     | Ton    | 427            | 364              | 504              | 406              | 416              |
| Muriate of potash 60-62% K <sub>2</sub> O <sup>4</sup>            | Ton    | 271            | 277              | 562              | 848              | 501              |
| Superphosphate, 44-46% P <sub>2</sub> O <sub>5</sub> <sup>4</sup> | Ton    | 315            | 409              | 779              | 555              | 465              |
| Anhydrous ammonia <sup>4</sup>                                    | Ton    | 543            | 536              | 769              | 787              | 520              |
| Atrazine, 4#/gallon <sup>3</sup>                                  | Gallon | 12.1           | 12.2             | 15.3             | 20.8             | 18.9             |
| Roundup, 4#/gallon EC <sup>3</sup>                                | Gallon | 29.3           | 28.9             | 40.5             | 42.8             | 22.8             |
| Harness, Surpass, 6.4-7#/gallon EC <sup>3</sup>                   | Gallon | 68.9           | 69.2             | 71.7             | 75.5             | 70.3             |
| Dual, 8#/gallon EC <sup>3</sup>                                   | Gallon | 107            | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) | ( <sup>5</sup> ) |
| Captan, 50% WP <sup>3</sup>                                       | Pound  | 3.87           | 4.59             | 5.51             | 6.43             | 7.18             |
| Ziram, 76% WP <sup>3</sup>  | Pound  | 2.88           | 3.08             | 3.35             | 3.94             | 4.07             |
| Guthion, 50% WP <sup>3</sup>                                      | Pound  | 11.4           | 11.7             | 11.6             | 13.5             | 13.5             |
| Imidan, Prolate, 50% WP <sup>3</sup>                              | Pound  | 8.44           | 9.05             | 8.92             | 10.2             | 10.2             |

EC=Emulsifiable concentrate. WP=Wettable powder.

<sup>1</sup> Regional and U.S. data only.

<sup>2</sup> Lake States region: Michigan, Minnesota, and Wisconsin.

<sup>3</sup> United States.

<sup>4</sup> North Central region: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin.

<sup>5</sup> Discontinued in 2007.

## Farm Labor

### Hired farm workers: Annual average wage rates, 2005-2009

| Year              | All hired workers       | Field workers           | Field and livestock workers |
|-------------------|-------------------------|-------------------------|-----------------------------|
|                   | <i>Dollars per hour</i> | <i>Dollars per hour</i> | <i>Dollars per hour</i>     |
| 2005              | 9.79                    | 8.57                    | 8.89                        |
| 2006              | 9.95                    | 9.20                    | 9.22                        |
| 2007 <sup>1</sup> | 10.87                   | 10.12                   | 10.01                       |
| 2008              | 11.25                   | 10.80                   | 10.63                       |
| 2009              | 11.22                   | 10.82                   | 10.57                       |

<sup>1</sup> The January 2007 Farm Labor survey was not conducted due to budget constraints. Modeling of historical data and time-series analysis were used to generate estimates for the Lake States region (Michigan, Minnesota, and Wisconsin).

## Agricultural Exports

Michigan ranked twenty-first in agricultural exports for fiscal year 2009. The table below shows the value of agricultural exports by commodity group. The data are calculated annually by commodity based on each State's share of the U.S. agricultural

production. The top five commodity groups accounted for approximately 80 percent of the State's agricultural exports. The total value of agricultural exports produced in Michigan in 2009 was estimated at \$1.6 billion.

**Michigan agricultural exports: Fiscal year 2009 <sup>1 2</sup>**

| Commodity                                | Value                  | Percent of total | Rank in U.S.  |
|--|------------------------|------------------|---------------|
|  | <i>Million dollars</i> | <i>Percent</i>   | <i>Number</i> |
| Soybeans and products                    | 419.7                  | 27.1             | 12            |
| Feed grains and products                 | 258.7                  | 16.7             | 13            |
| Other <sup>3</sup>                       | 236.3                  | 15.3             | 12            |
| Wheat and products                       | 197                    | 12.7             | 16            |
| Vegetables and preparations              | 124.6                  | 8                | 9             |
| Fruits and preparations                  | 124.4                  | 8                | 5             |
| Live animals and meat, excluding poultry | 81.8                   | 5.3              | 19            |
| Feeds and fodders                        | 32                     | 2.1              | 33            |
| Hides and skins                          | 29.7                   | 1.9              | 13            |
| Seeds                                    | 18.8                   | 1.2              | 18            |
| Poultry and products                     | 14                     | 0.9              | 27            |
| Fats, oils, and greases                  | 11.6                   | 0.8              | 13            |
| Total                                    | 1,584.4                |                  | 21            |

<sup>1</sup> Source: U.S. Department of Agriculture, Economic Research Service, [www.ers.usda.gov/data/fatus](http://www.ers.usda.gov/data/fatus).

<sup>2</sup> Based on location of farm where commodity is produced.

<sup>3</sup> Sugar and tropical product, minor oilseeds, essential oils, beverages other than juice, nursery and greenhouse, wine, and miscellaneous vegetable products.

**Michigan agricultural exports: Top 10 destinations, 2008-2009 <sup>1 2</sup>**

| Country        | 2008                    | 2009                    |
|----------------|-------------------------|-------------------------|
|                | <i>Thousand dollars</i> | <i>Thousand dollars</i> |
| Canada         | 292,964                 | 252,364                 |
| Mexico         | 32,527                  | 54,754                  |
| Japan          | 15,613                  | 29,208                  |
| Austria        | 11,667                  | 7,694                   |
| Italy          | 9,518                   | 6,739                   |
| France         | 1,736                   | 3,227                   |
| South Korea    | 789                     | 2,624                   |
| United Kingdom | 6,259                   | 2,213                   |
| Hungary        | 16                      | 2,008                   |
| Spain          | 443                     | 1,419                   |

<sup>1</sup> Source: U.S. Department of Commerce, International Trade Administration, [www.ita.doc.gov](http://www.ita.doc.gov).

<sup>2</sup> Based on location of exporting firm.